REMARKS

The above amendment is made to correct an obvious clerical error in claims 1 and 3 where the word "to" is replaced by "from". It will be readily apparent to those of ordinary skill in the art that for the scanning equipment to operate, it is necessary for radiant energy to be directed from opposing sides of the body to the camera of the scanning means. Basis for the amendment is to be found at page 6, lines 24, 25 of the subject application description. Thus, the amendment sought does not introduce any new subject matter and is purely by way of correction.

The claims have been revised to remove reference numerals from claims 1, 3, 4, 8 and 9.

Additionally, the claim dependency of claim 8 has been corrected.

The description at page 3 has been revised to conform with the amendment to claims 1 and 3.

The Examiner is respectfully requested to enter the attached amendment.

Date 7/1/02

Respectfully submitted,

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APPENDIX

VERSION WITH MARKINGS TO SHOW AMENDMENTS MADE

Claim 1 (amended)

A body scanning equipment including one set of apparatus [(1)] located to scan a portion of a body [(2)], said set of apparatus comprising scanning means [(4)], reflector means [(5, 6)] associated with said scanning means, said reflector means including first and second reflectors spaced on opposing sides of said scanning means for directing radiant energy [to] from opposing sides of said body, and switchable reflector means [(7)] for directing radiant energy alternately between said scanning means and said first and second reflectors whereby substantially a 180° scan of said body may be made.

Claim 3 (amended)

A body scanning equipment including two sets of apparatus [(1)] located to scan opposing front and rear portions of a body [(2)] to be scanned and each set of apparatus comprising scanning means [(4; 41)], reflector means [(5, 6; 51, 61)] associated with each scanning means, each said reflector means including first and second reflectors spaced on opposing sides of said scanning means for directing radiant energy [to] from opposing sides of said body, and switchable reflector means [(7; 71)] for directing radiant energy alternately between said scanning means and said first and second reflectors, whereby a complete 360° scan of said body may be made.

Claim 4 (amended)

An equipment as claimed in claim 3, wherein scanning

means comprises a camera [(241)] having a viewing axis and an illumination means [(242)] having an illumination axis which is offset from said camera viewing axis.

Claim 8 (amended)

An equipment as claimed in [any preceding] claim 3, wherein each scanning means provides an output signal to processor means [(100)] including means [(101)] for computing surface data from images received from each opposing side of said body, means [(102)] for producing aligned data from said surface data, means [(103)] for producing a signal from said aligned data indicative of the surfaces of said body joined together through 360°, and means [(104)]for calculating surface measurements derived from said means for producing.

Claim 9 (amended)

An equipment as claimed in claim 8, wherein said means for calculating is connected to a numerically controlled garment cutting machine [(111)] which may in turn be connected to an automated garment assembly apparatus [(112)].

In the Description

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sides of said scanning means for directing radiant energy [to] from opposing sides of said body, and switchable reflector means for directing radiant energy alternately between said scanning means and said first and second reflectors whereby substantially a 180° scan of said body may be made.

Such a set of apparatus may be used, for example, in a medical environment where it is desired to scan a face of a person.

Where a prosthesis is required to be made or body

scanning equipment for use in the garment industry, for example, then it is preferable that two sets of apparatus be provided.

Accordingly in a feature of this invention there is provided a body scanning equipment including two sets of apparatus located to scan opposing front and rear portions of a body to be scanned and each set of apparatus comprising scanning means, reflector means associated with each scanning means, each said reflector means including first and second reflectors spaced on opposing sides of said scanning means for directing radiant energy [to] <u>from</u> opposing sides of said body, and switchable reflector means for directing radiant energy alternately between said scanning means and said first and second reflectors, whereby a complete 360° scan of said body may be made.

The scanning means may comprising a camera having a viewing axis and an illumination means having an illumination axis which is offset from said camera viewing axis.

Preferably, two pairs of sets of apparatus are provided, each pair being located in a different elevational position with respect to said body so that each pair is able to scan a whole portion of a body and the